

Missouri Water Resources Center

Missouri Rivers and Streams Flood
Conditions Report

April 29, 2024



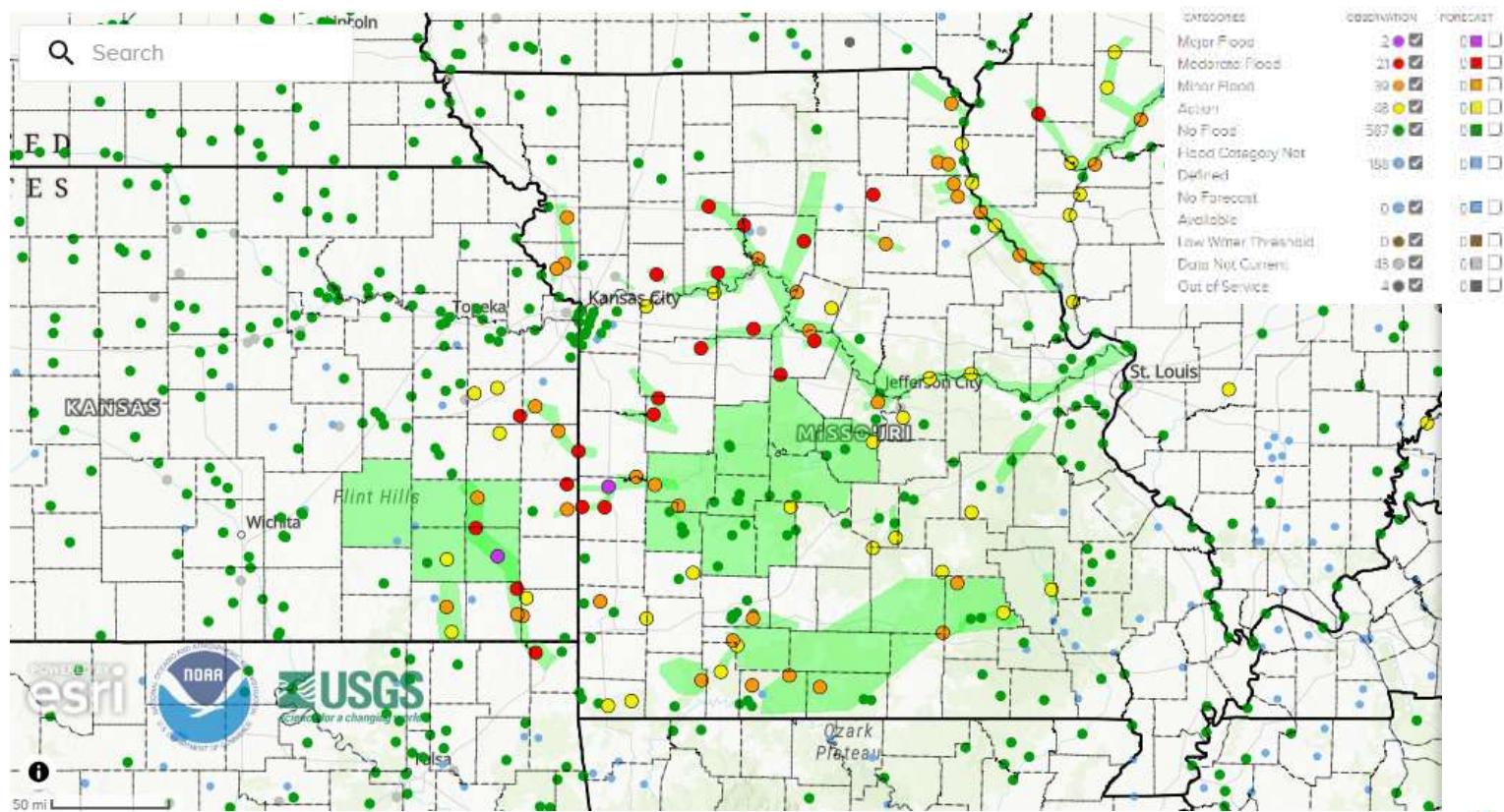


Missouri River Flooding Status

- Widespread moderate flooding is expected on streams across western Missouri, with the Little Osage River at Horton and the Marmaton River near Nevada expected to be in major flood stage. The Missouri River at Glasgow and the Missouri River at Hermann are expected to crest above moderate flood stage, and several other Missouri River gages show that minor flooding is possible.
 - Flooding on the Missouri River is currently being driven by local rainfall and tributary flow rather than reservoir releases.
- Over the past 24-hours southcentral Missouri received 0.25-2.0 inches of precipitation with isolated areas in Texas County receiving 2.5-3.0 inches.
- Over the past 7-days much of the state received 0.5-6.0 inches of precipitation, with isolated areas in Bates and Vernon counties receiving 6.0-10.0 inches.
- According to the Quantitative Precipitation Forecast, over the next three days northwestern Missouri is expected to receive 0.5-2.0 inches of precipitation, while southeastern Missouri is expected to receive 0.0-0.25 inches. Over the next 7-days northwestern Missouri is predicted to receive 1.5-4.0 inches of precipitation, while southeastern Missouri is predicted to receive 0.5-1.25 inches.
- River forecasts are currently only considering past precipitation and the precipitation amounts expected approximately 24 hours into the future from the forecast issuance time.



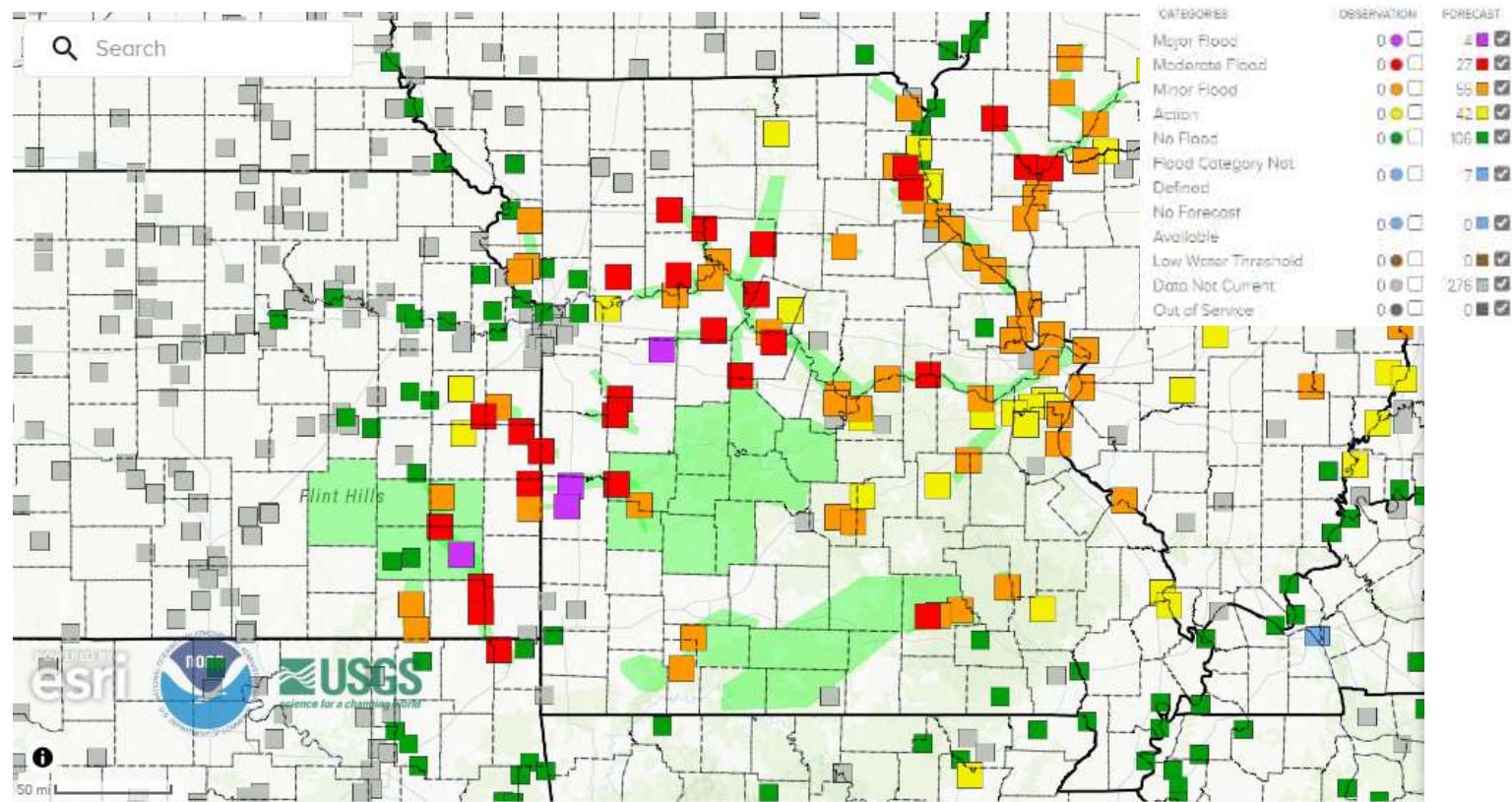
Current River and Stream Conditions





River Forecast Conditions

(Maximum for Entire Period 1-13 Days)





MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

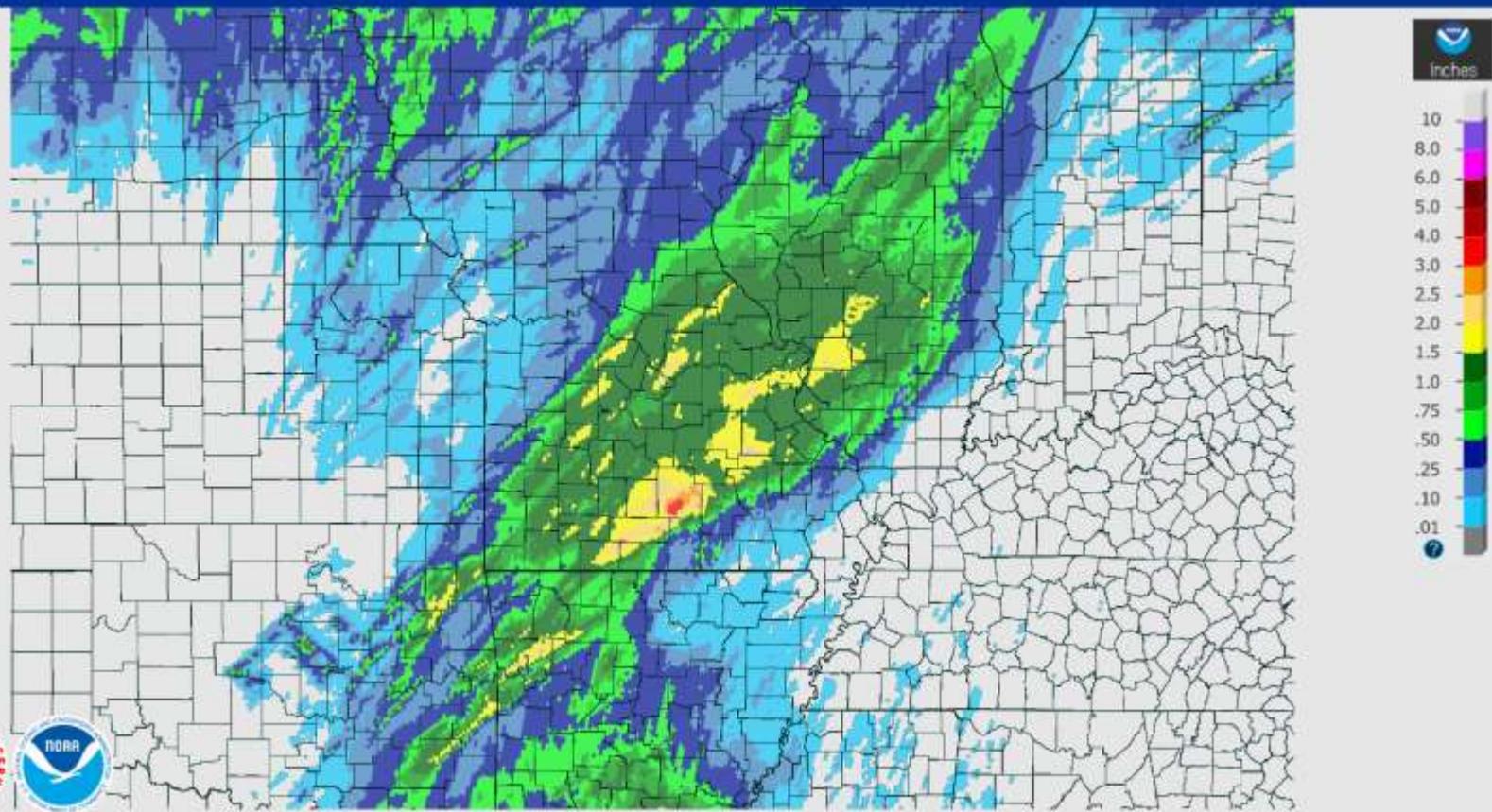


One-Day Observed Precipitation

April 29, 2024 1-Day Observed Precipitation

Created on: April 29, 2024 - 14:44 UTC

Valid on: April 29, 2024 12:00 UTC





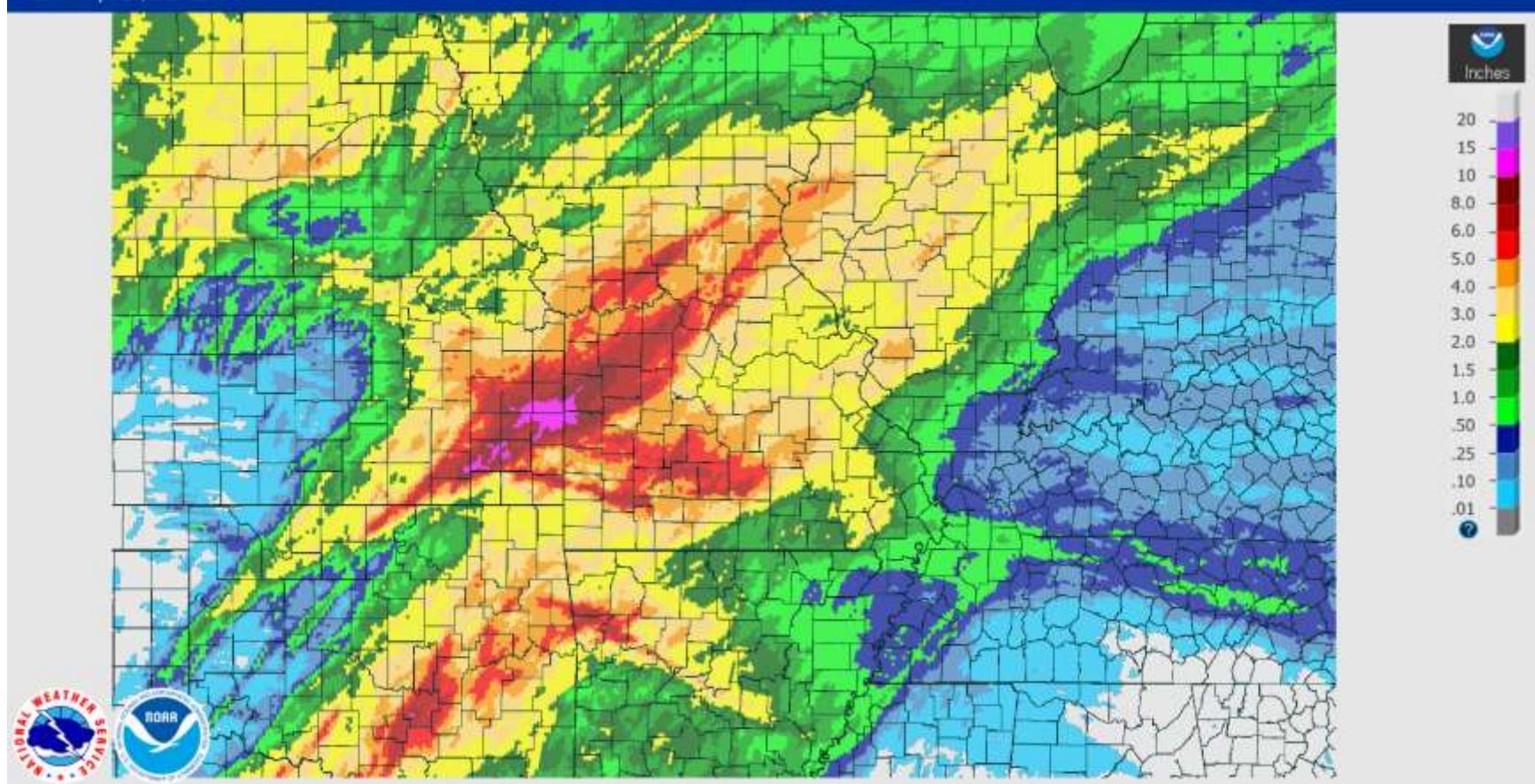
MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Seven-day Observed Precipitation

April 29, 2024 7-Day Observed Precipitation

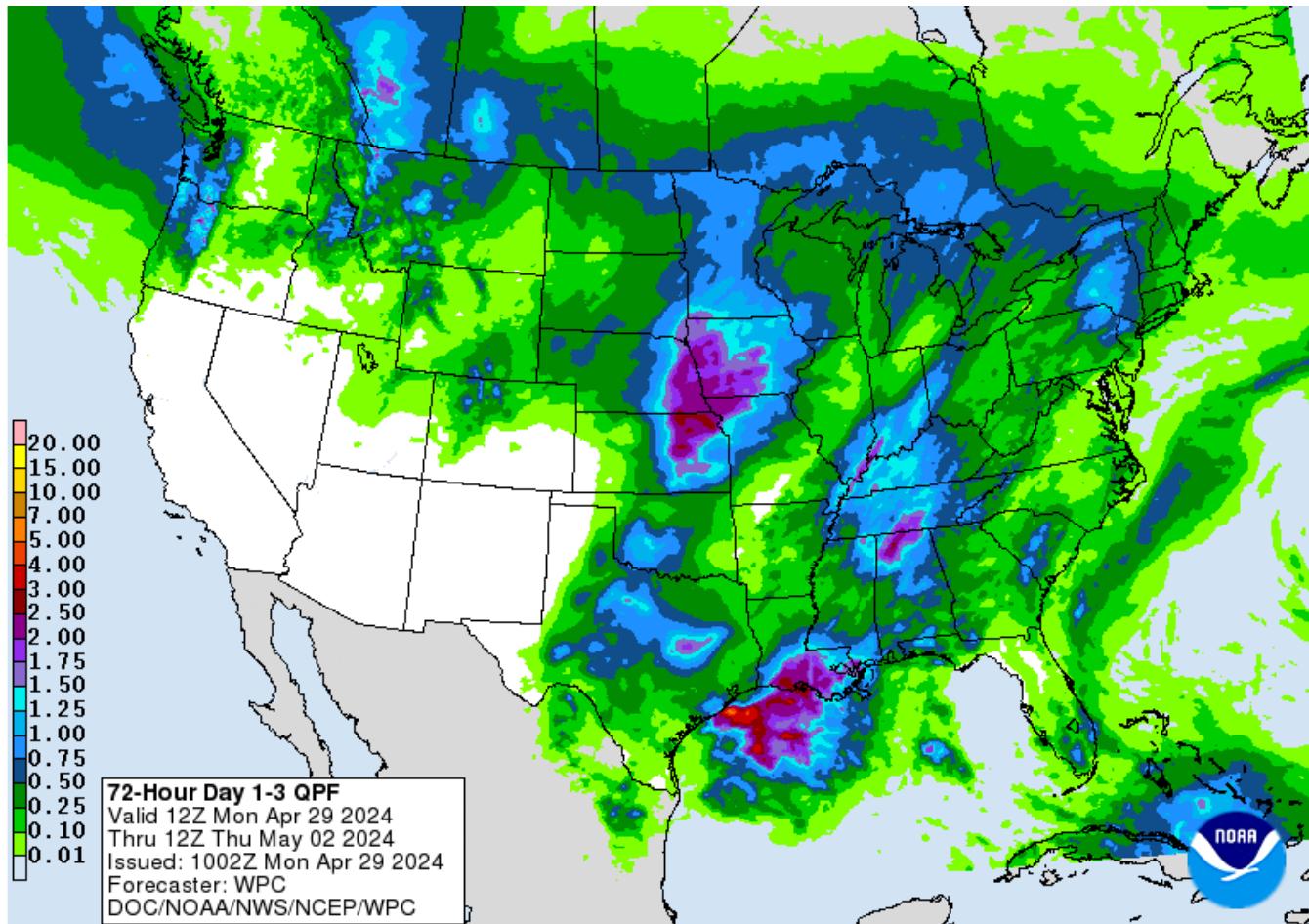
Created on: April 29, 2024 - 14:45 UTC

Valid on: April 29, 2024 12:00 UTC



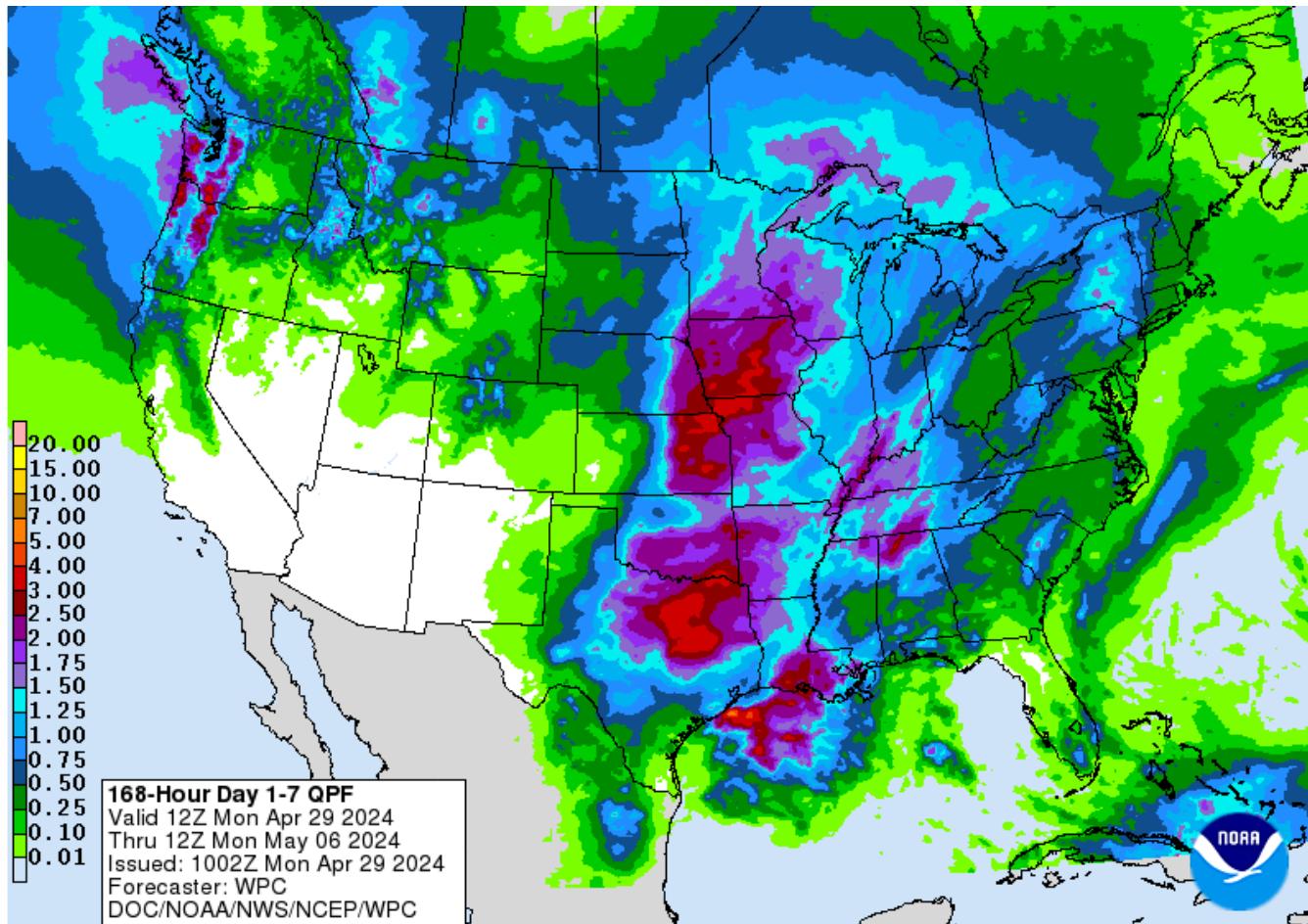


Three-day Precipitation Forecast





Seven-day Precipitation Forecast

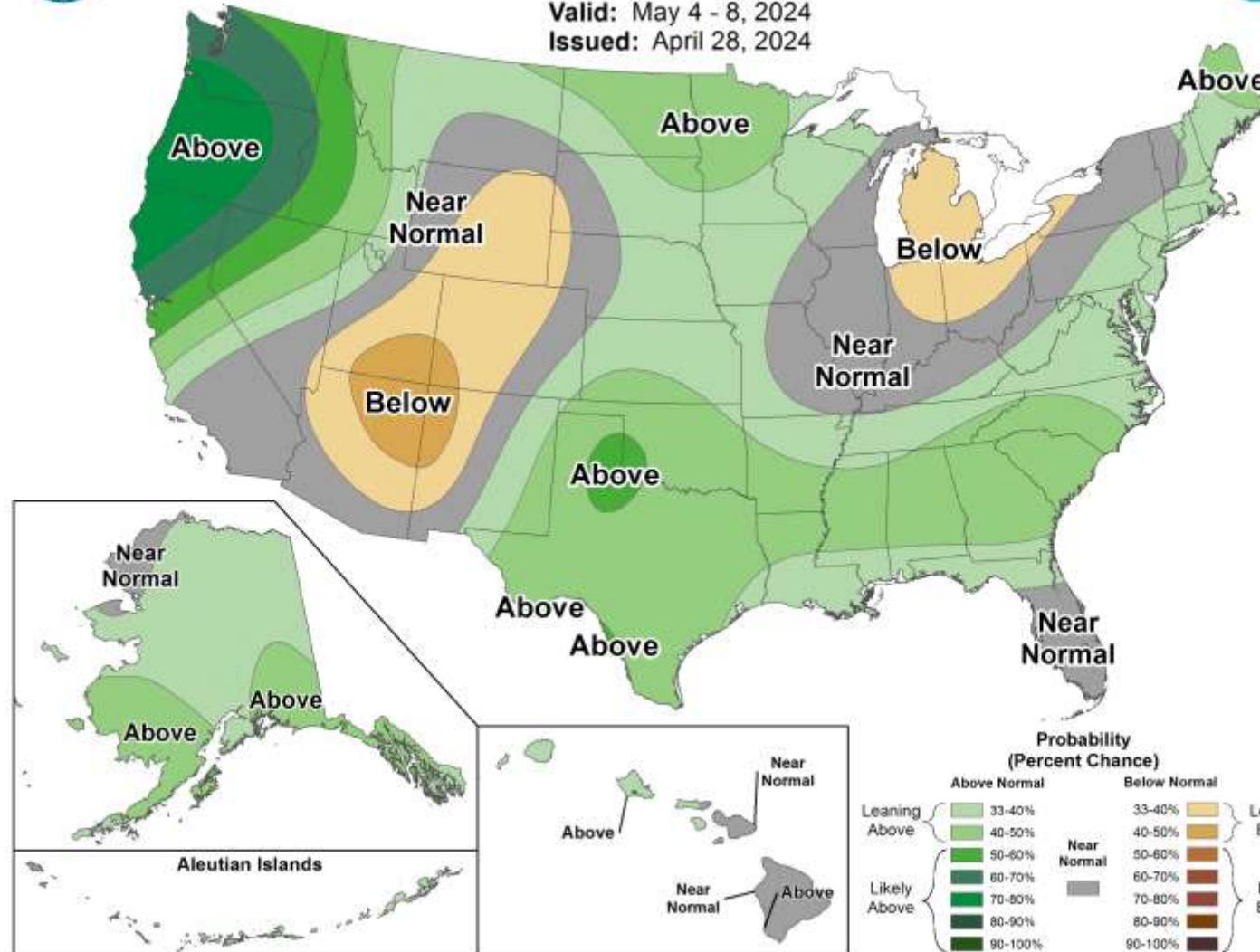




6-10 Day Precipitation Outlook

Valid: May 4 - 8, 2024

Issued: April 28, 2024

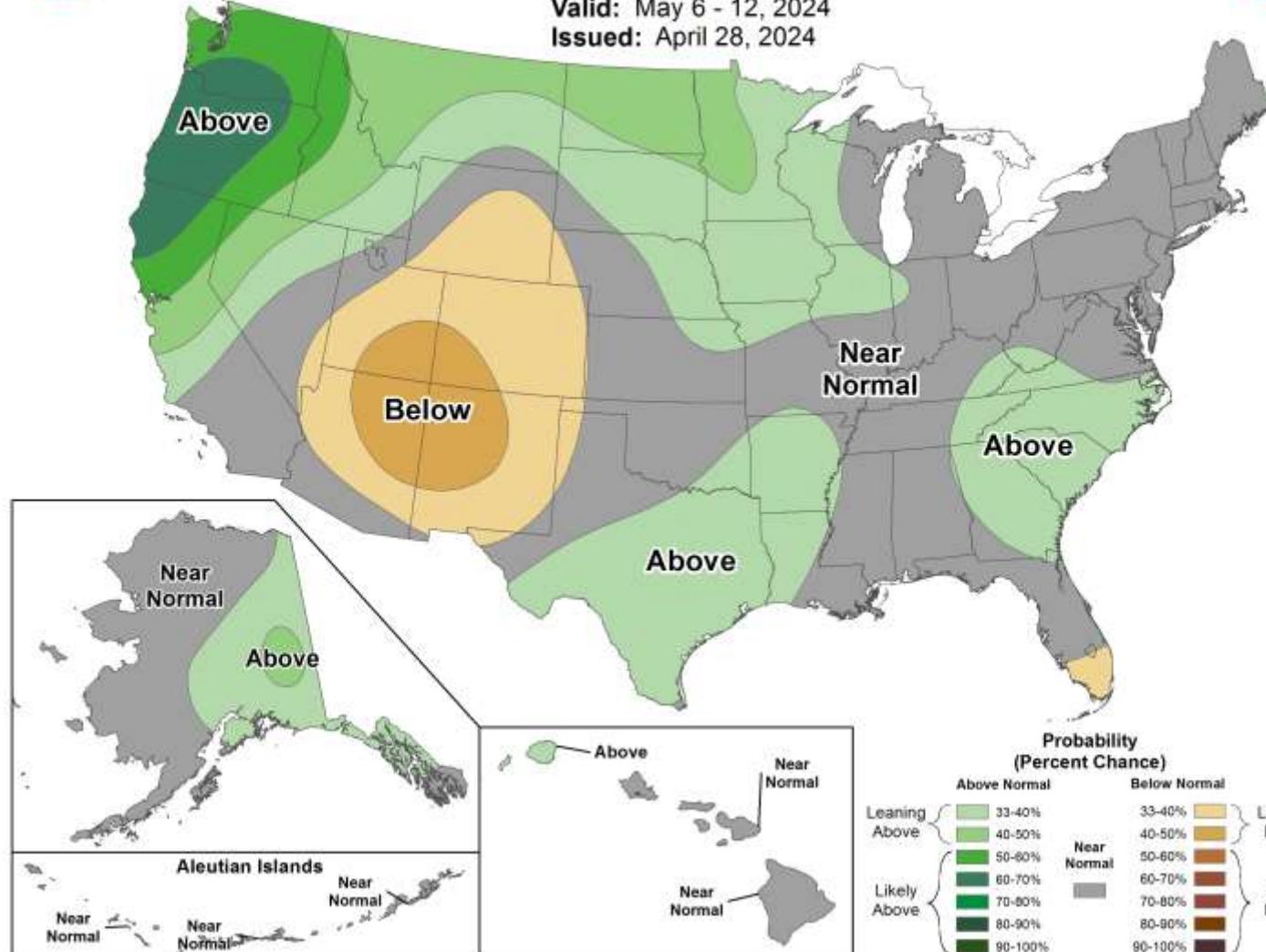




8-14 Day Precipitation Outlook

Valid: May 6 - 12, 2024

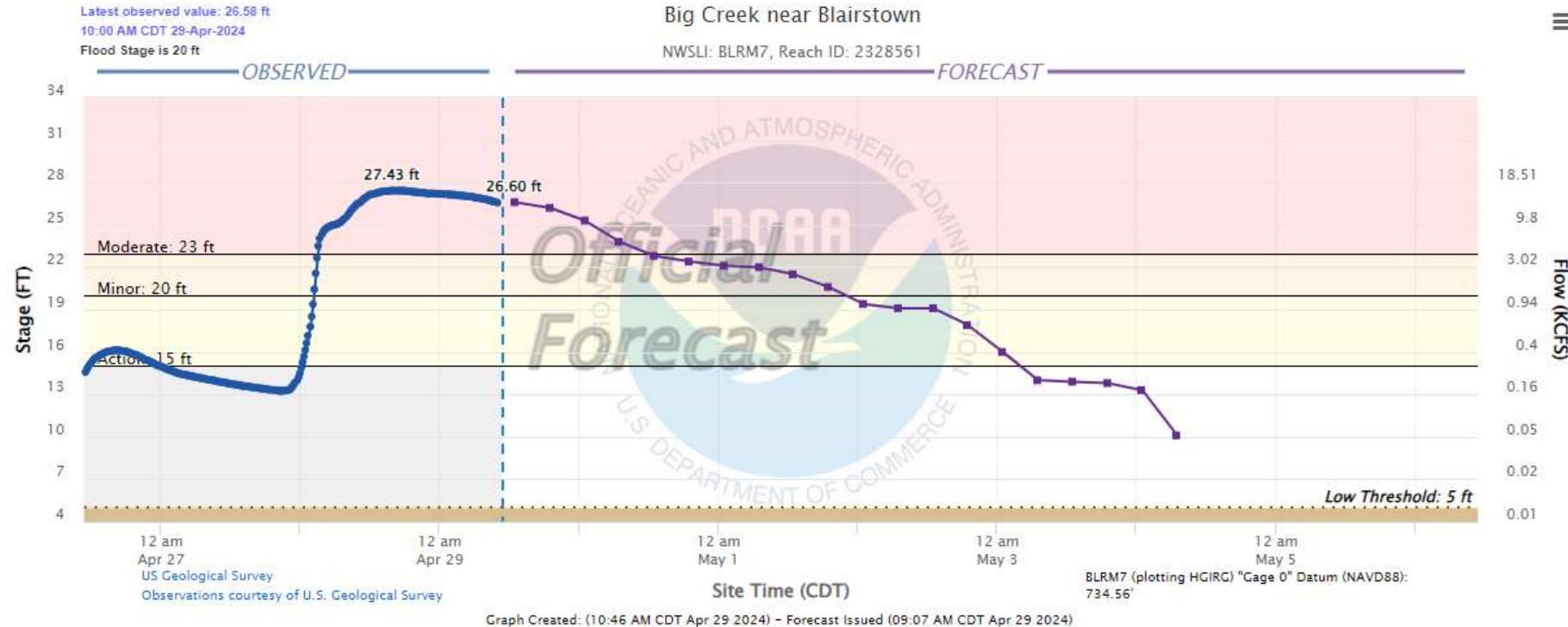
Issued: April 28, 2024





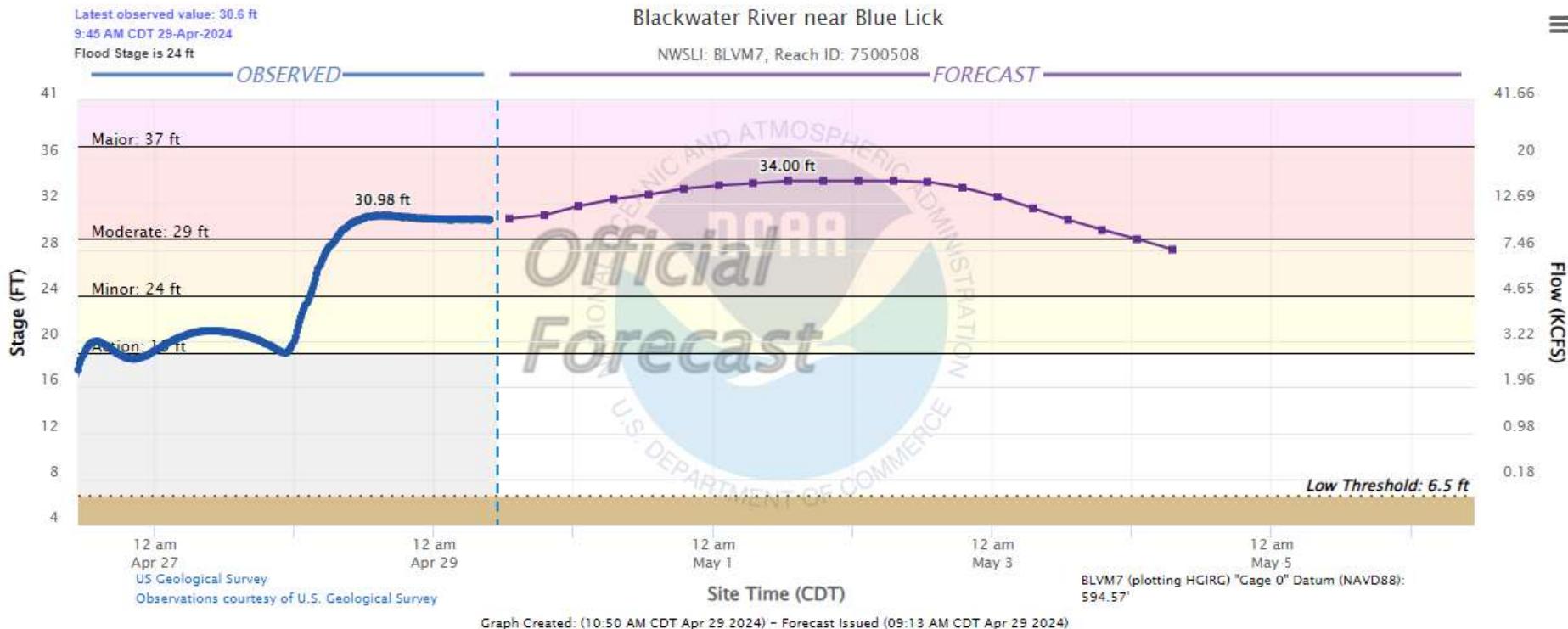
MISSOURI

DEPARTMENT OF NATURAL RESOURCES



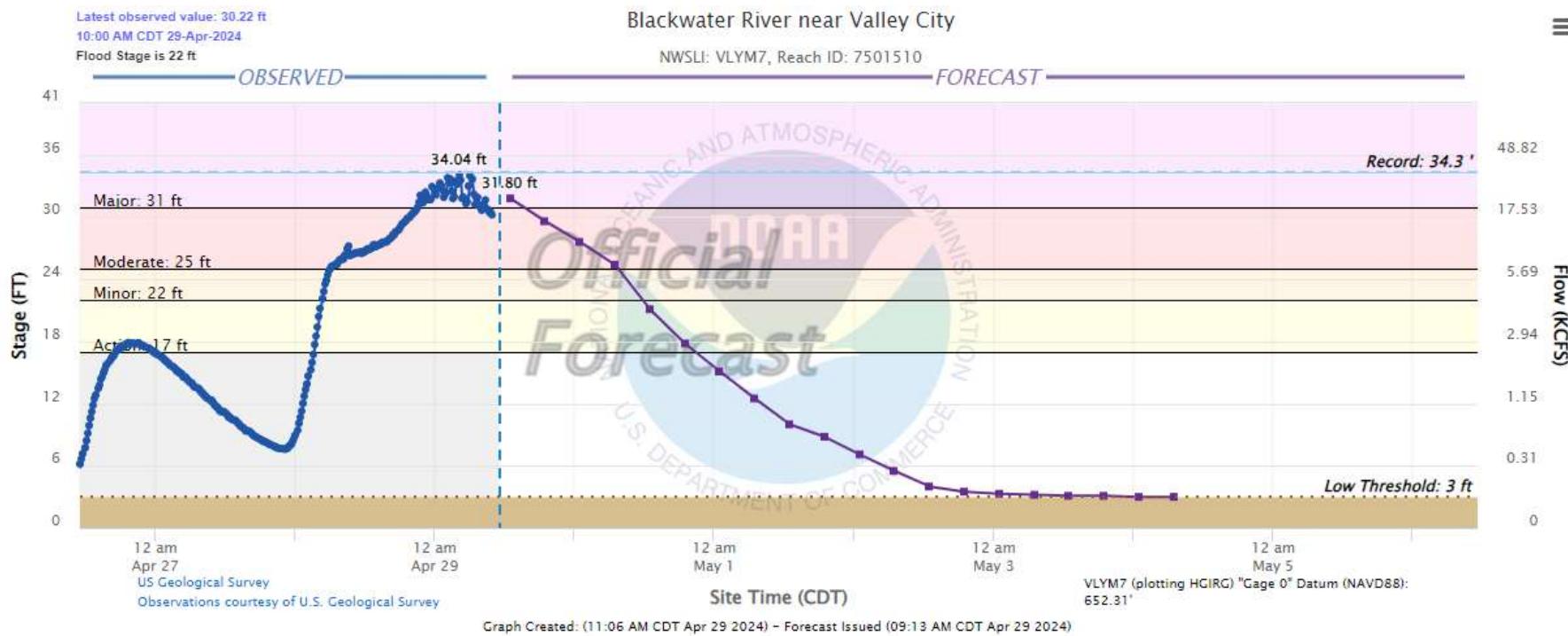
- Big Creek Near Blairstown is at 27.43 feet
- Moderate Flood Stage occurs at 23 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/BLRM7>





- Blackwater River near Blue Lick is at 30.98 feet. The river is forecast to crest at 34.0 feet in Moderate Flood Stage early Tuesday, April 30th.
- Moderate Flood Stage occurs at 29 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/BLVM7>



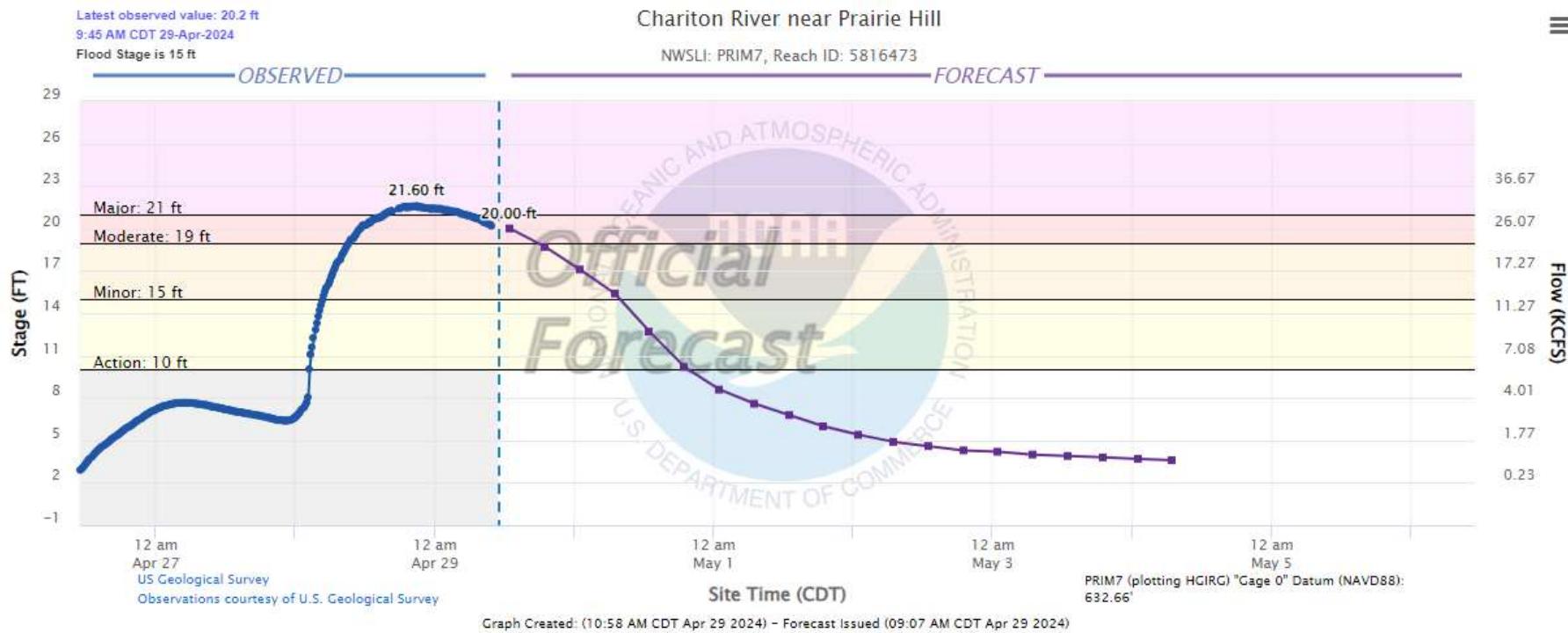


- Blackwater River near Valley City is at 30.22 feet. The river crested at 34.04 feet in Major Flood Stage early Monday, April 29th.
- Major Flood Stage occurs at 31 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/VLYM7>





MISSOURI DEPARTMENT OF NATURAL RESOURCES



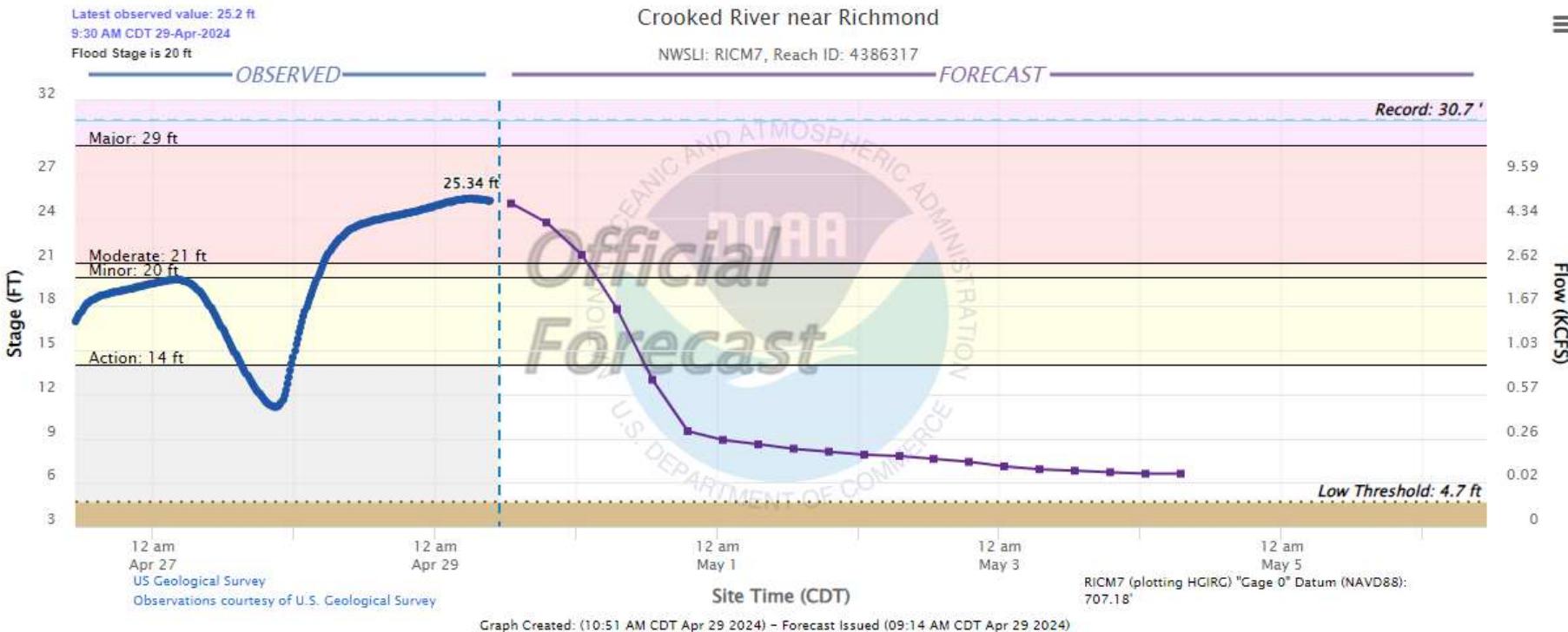
- Chariton River near Prairie Hill is at 21.60 feet
- Moderate Flood Stage occurs at 19 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/PRIM7>





MISSOURI

DEPARTMENT OF
NATURAL RESOURCES



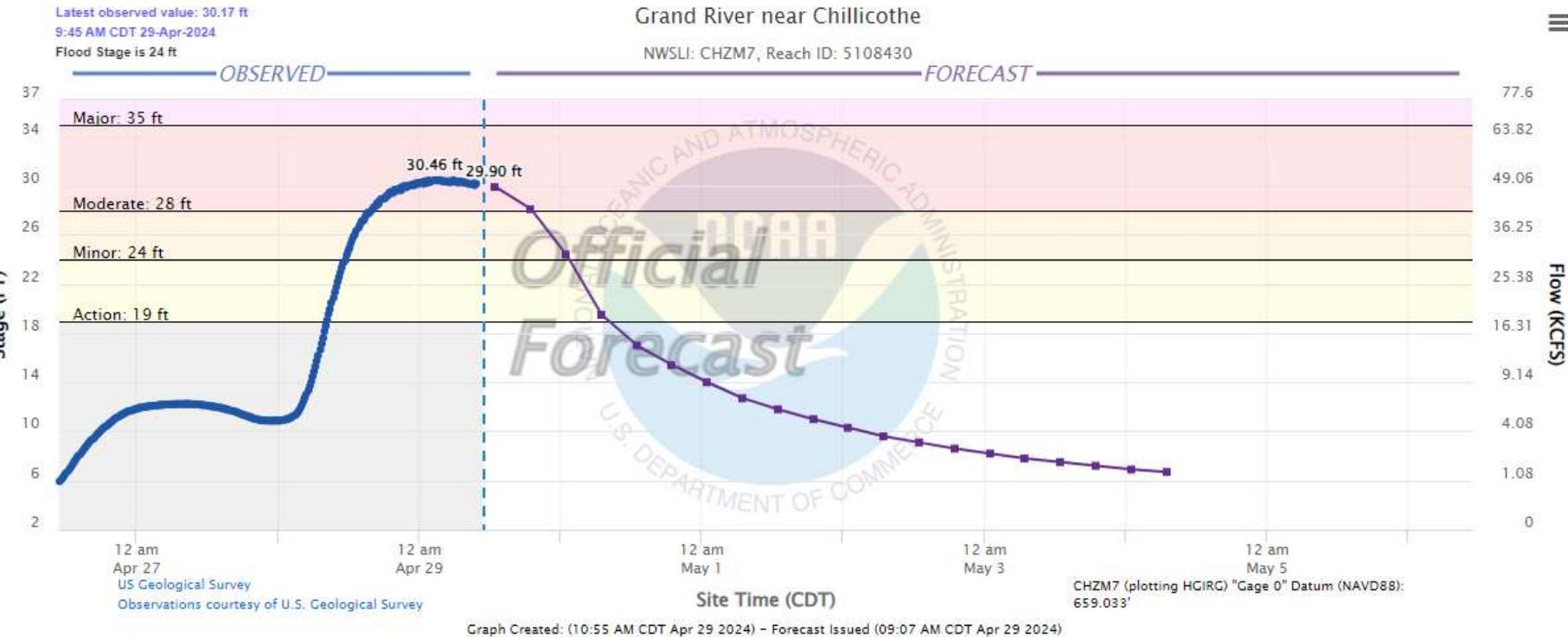
- Crooked River near Richmond is at 25.34 feet
- Moderate Flood Stage occurs at 21 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/RICM7>





MISSOURI

DEPARTMENT OF NATURAL RESOURCES



- Grand River near Chillicothe is at 30.46 feet
- Moderate Flood Stage occurs at 28 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/CHZM7>





MISSOURI

DEPARTMENT OF NATURAL RESOURCES

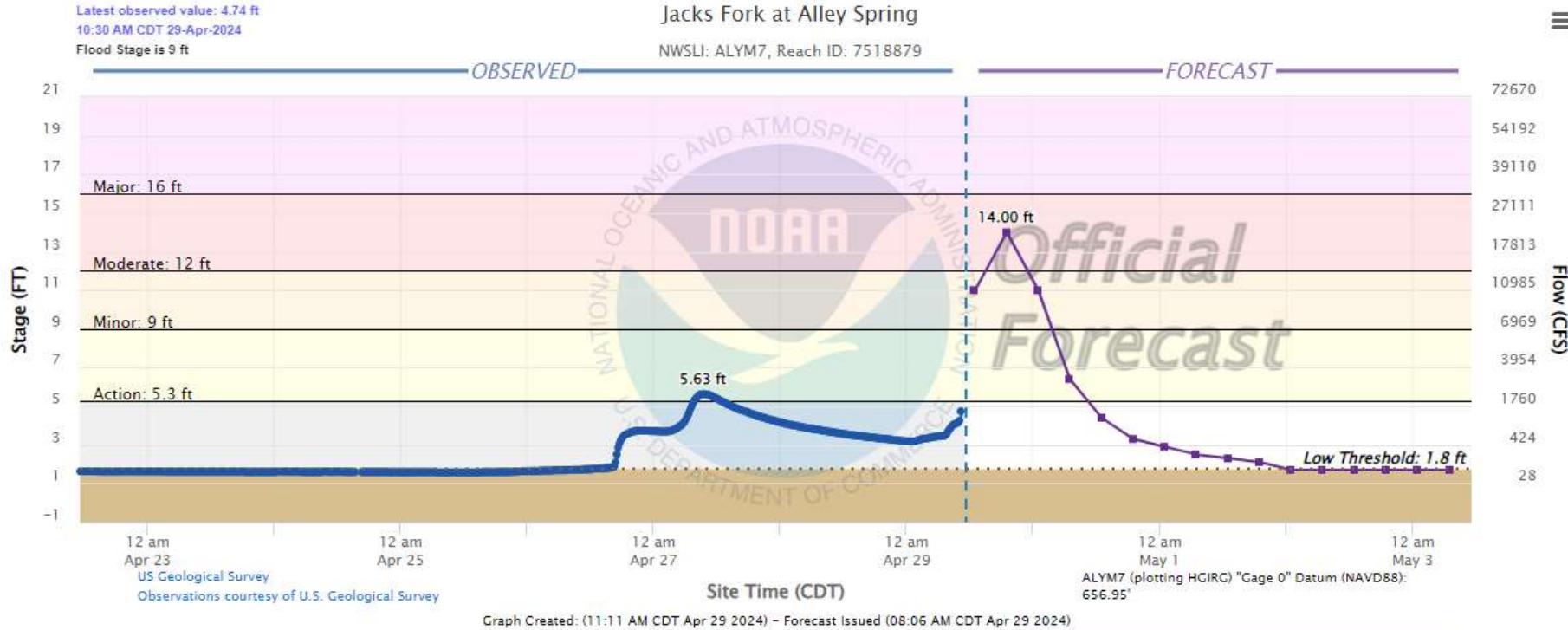


- Grand River near Sumner is at 35.25 feet. The river is forecast to crest at 35.8 feet in Moderate Flood Stage Early Tuesday, April 30th.
- Moderate Flood Stage occurs at 28 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/SNZM7>





MISSOURI DEPARTMENT OF NATURAL RESOURCES



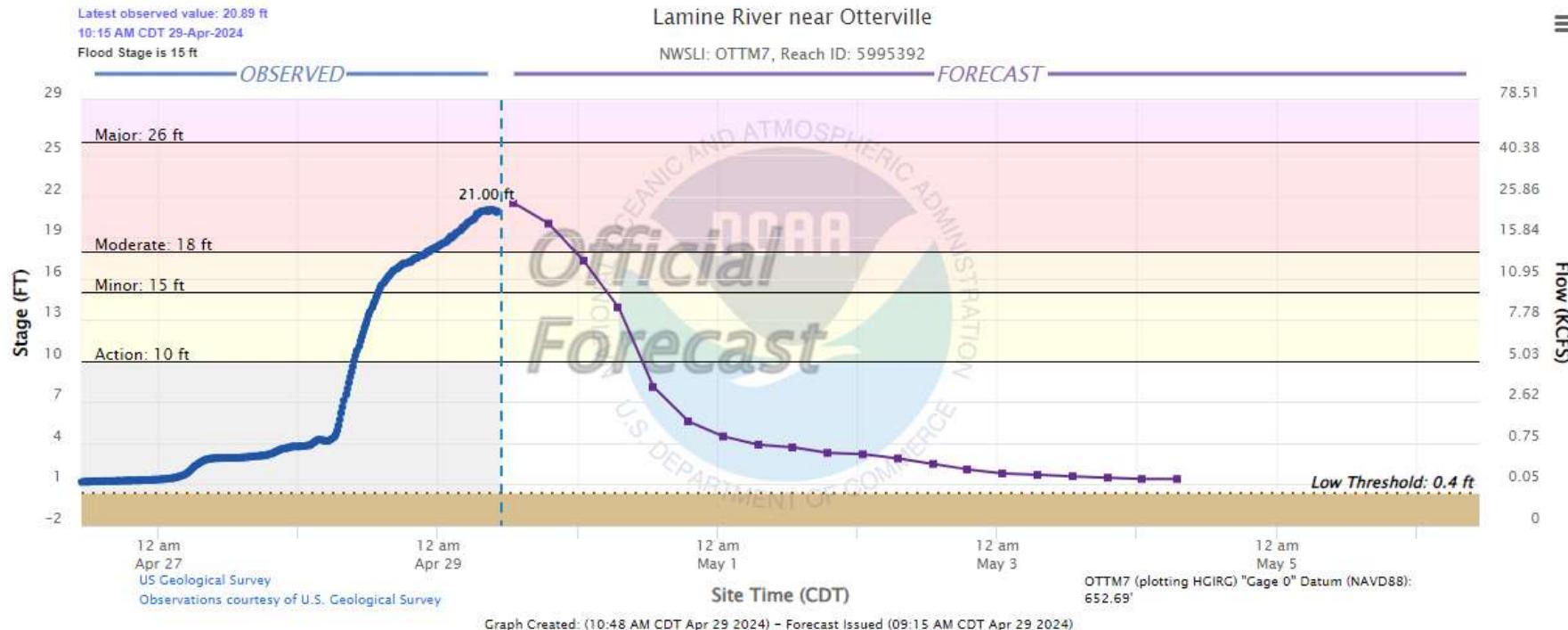
- Jacks Fork at Alley Spring is at 5.63 feet. The river is forecast to crest at 14.00 feet in Moderate Flood Stage late Monday, April 29th.
- Moderate Flood Stage occurs at 12 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/ALYM7>





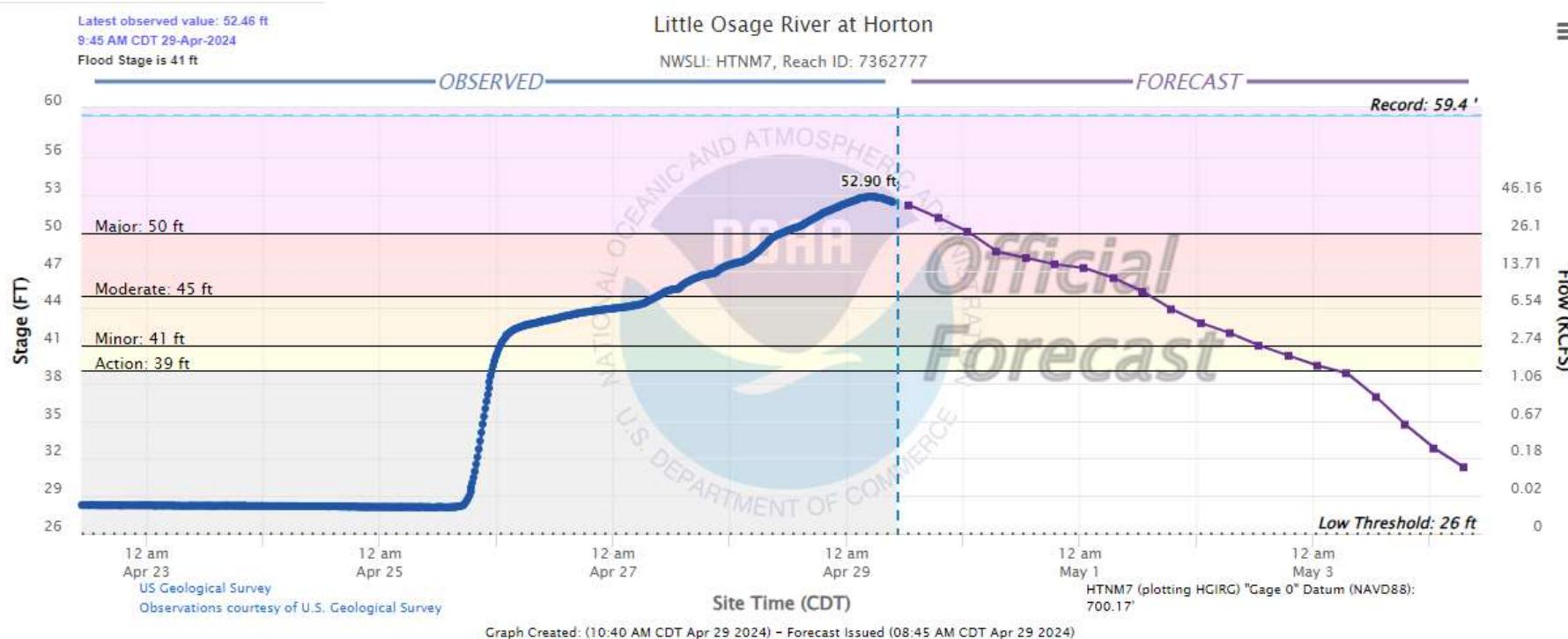
MISSOURI

DEPARTMENT OF NATURAL RESOURCES



- Lamine River near Otterville is at 21.00 feet. The river is forecast to crest at 21.5 feet in Moderate Flood Stage midday Sunday, April 28th.
- Moderate Flood Stage occurs at 18 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/OTTM7>



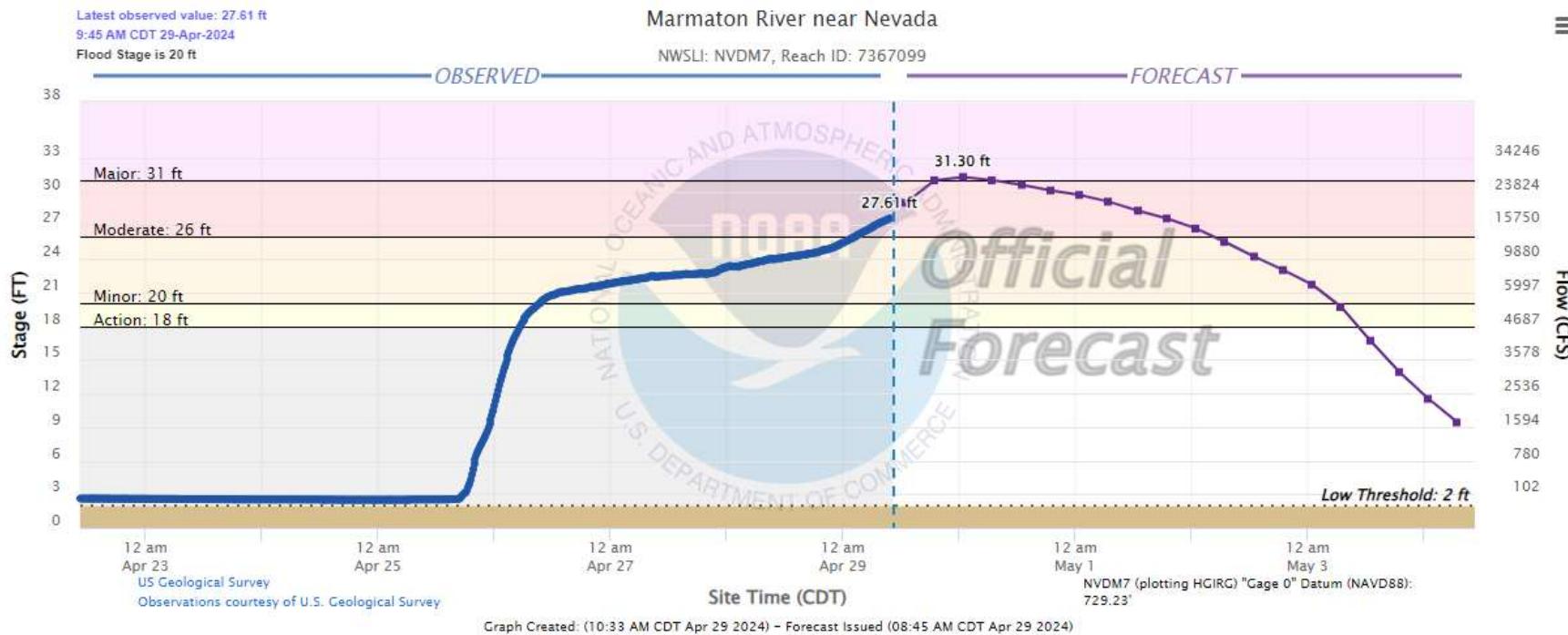


- Little Osage River at Horton is at 52.90 feet
- Major Flood Stage occurs at 50 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/HTNM7>



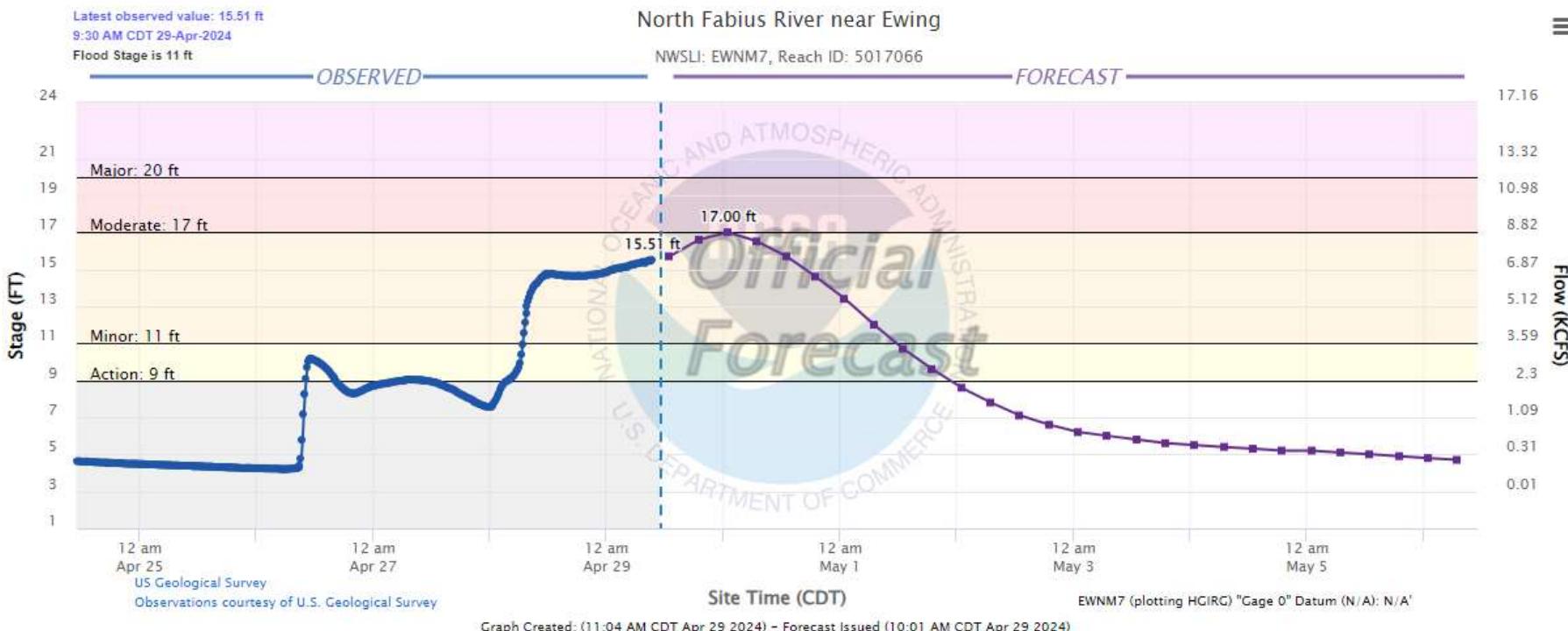


MISSOURI DEPARTMENT OF NATURAL RESOURCES



- Marmaton River near Nevada is at 27.6 feet. The river is forecast to crest at 31.30 feet in Major Flood Stage late Monday, April 29th.
- Major Flood Stage occurs at 31 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/NVDM7>





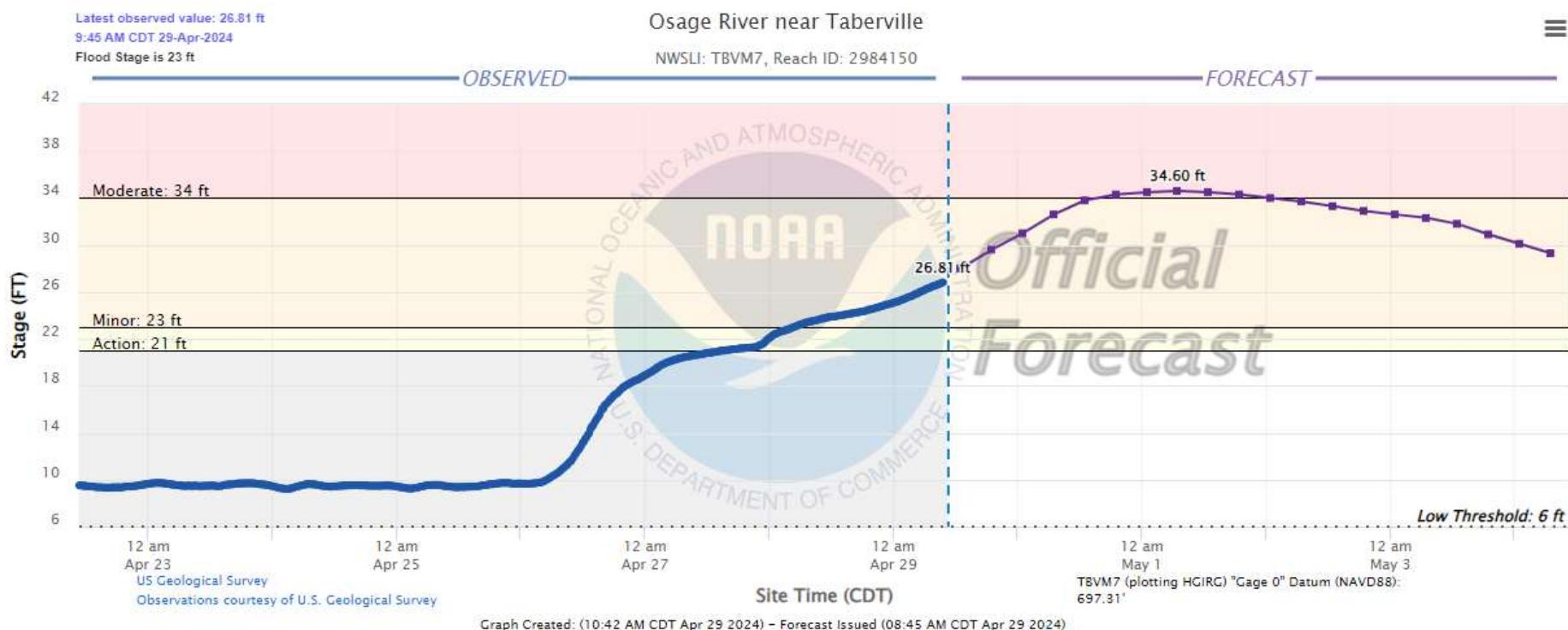
- North Fabius River near Ewing is at 15.51 feet. The river is forecast to crest at 17.00 feet in Moderate Flood Stage midday Monday, April 29th.
- Moderate Flood Stage occurs at 17 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/EWM7>





MISSOURI

DEPARTMENT OF NATURAL RESOURCES



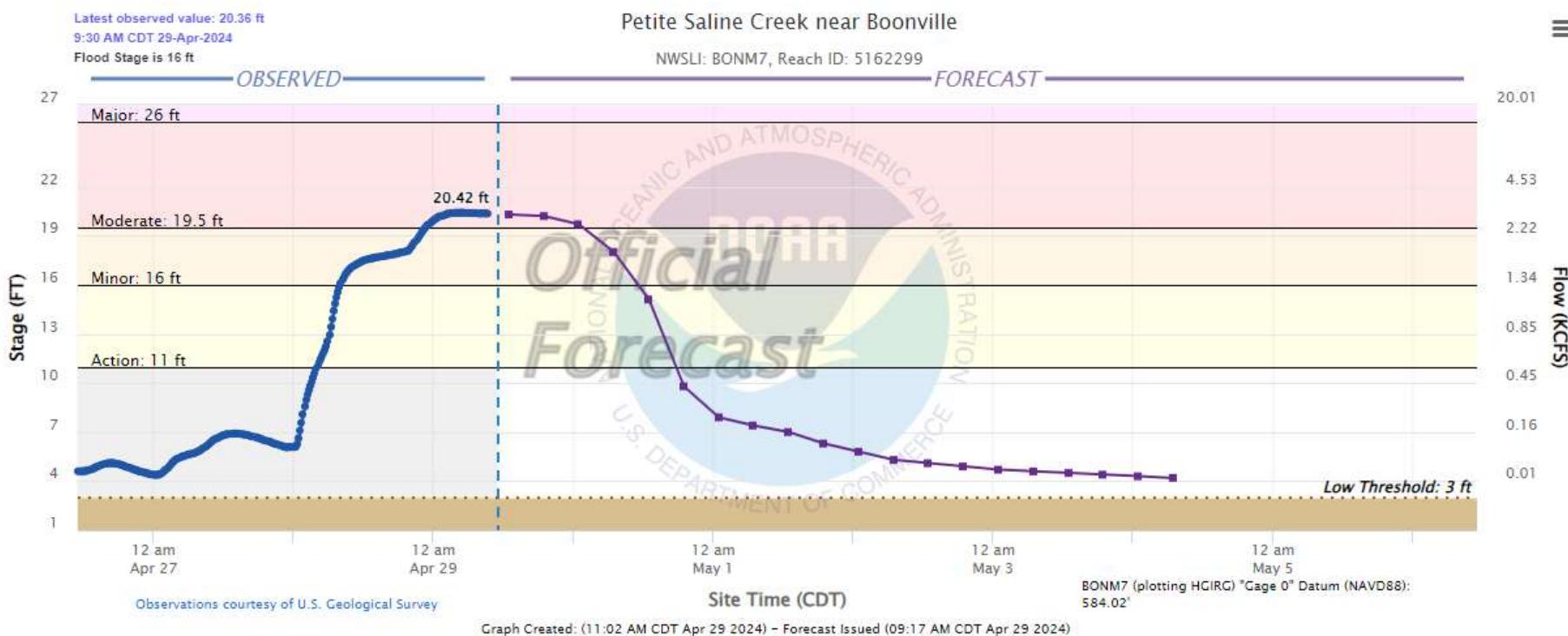
- Osage River near Taberville is at 26.81 feet. The river is forecast to crest at 34.60 feet in Moderate Flood Stage midday Wednesday, May 1st.
- Moderate Flood Stage occurs at 34 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/TBVM7>





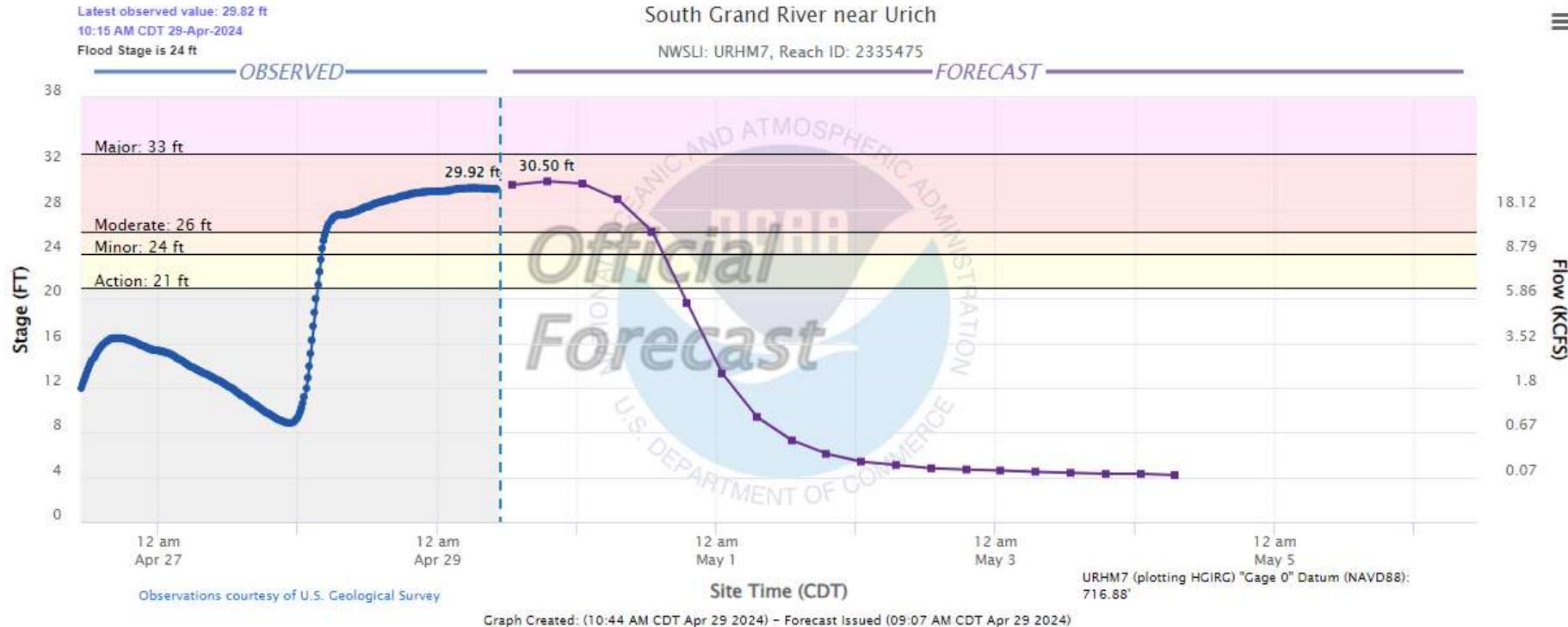
MISSOURI

DEPARTMENT OF NATURAL RESOURCES



- Petite Saline Creek near Boonville is at 20.42 feet
- Moderate Flood Stage occurs at 19.5 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/BONM7>



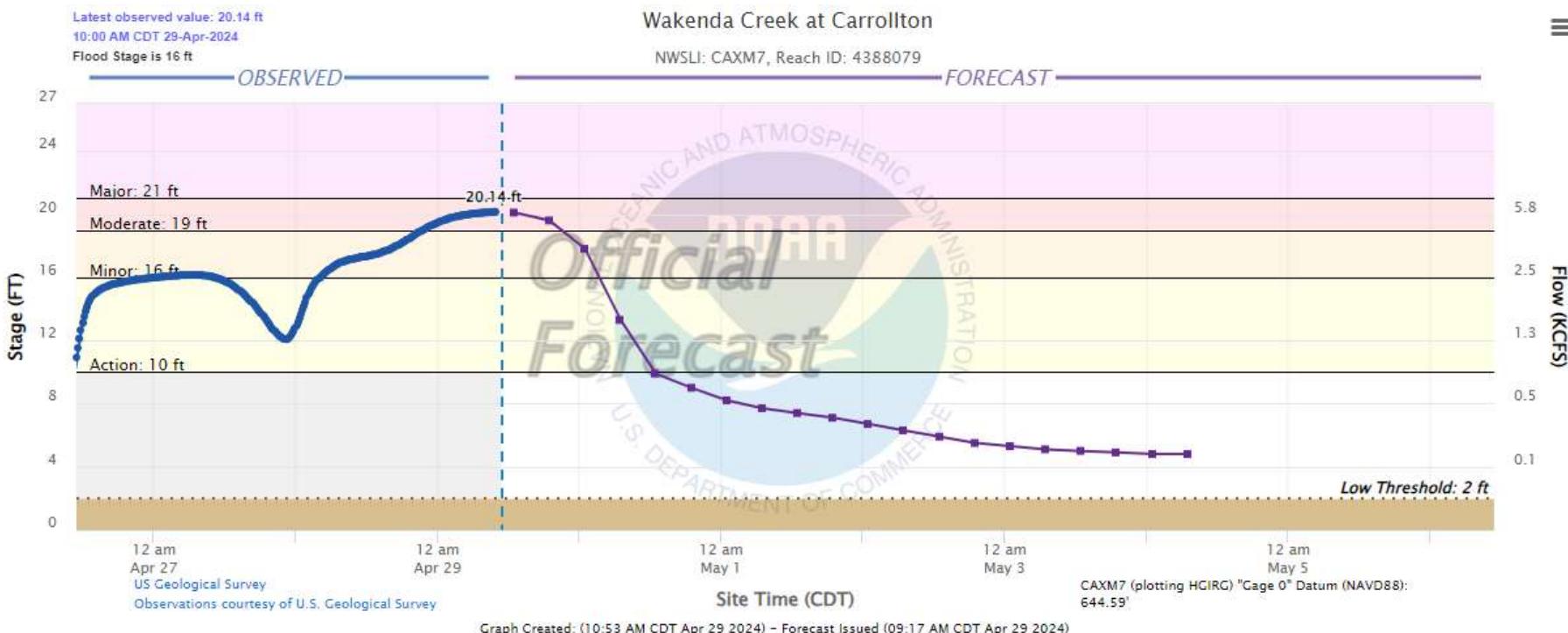


- South Grand River near Urich is at 29.92 feet. The river is forecast to crest at 30.50 feet in Moderate Flood Stage late Monday, April 29th.
- Moderate Flood Stage occurs at 26 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/URHM7>



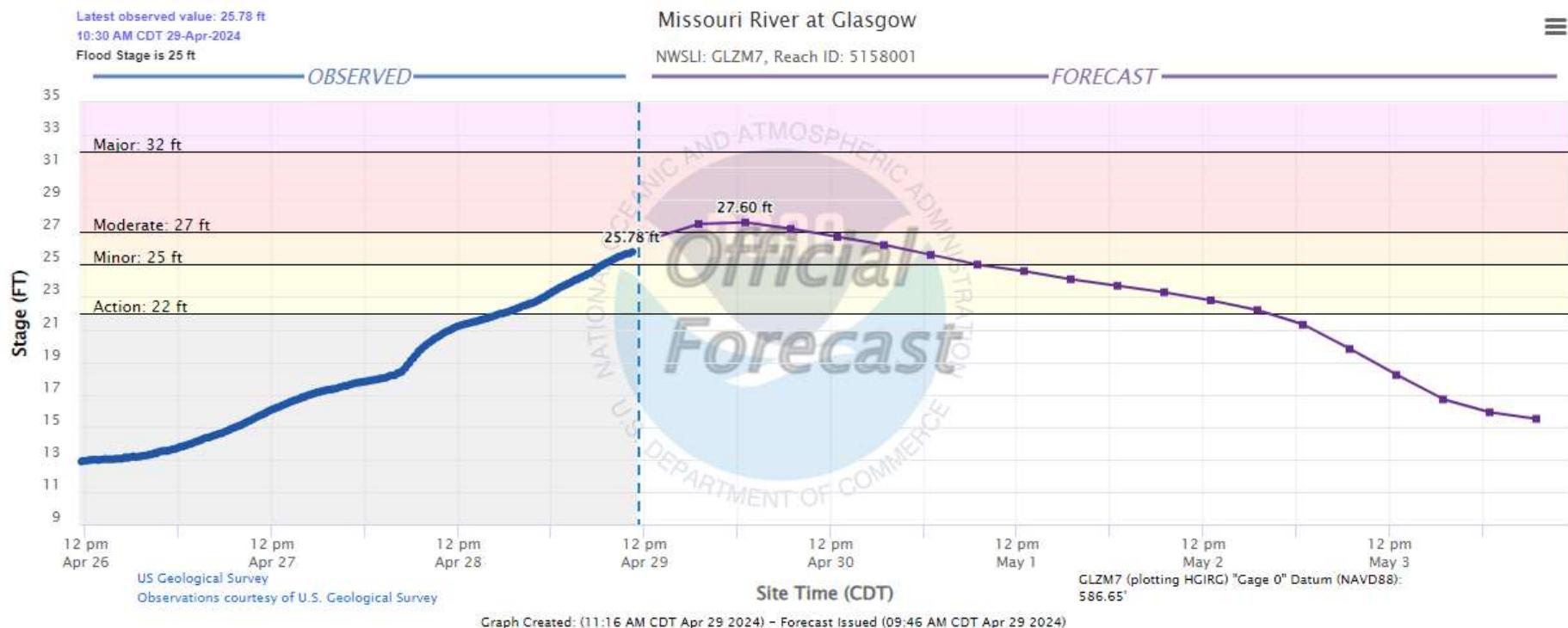


MISSOURI DEPARTMENT OF NATURAL RESOURCES



- Wakenda Creek at Carrollton is at 20.14 feet
- Moderate Flood Stage occurs at 19 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/CAXM7>





- Missouri River at Glasgow is at 25.78 feet. The river is forecast to crest at 27.60 feet in Moderate Flood Stage early Tuesday, April 30th.
- Moderate Flood Stage occurs at 27 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/GLZM7>



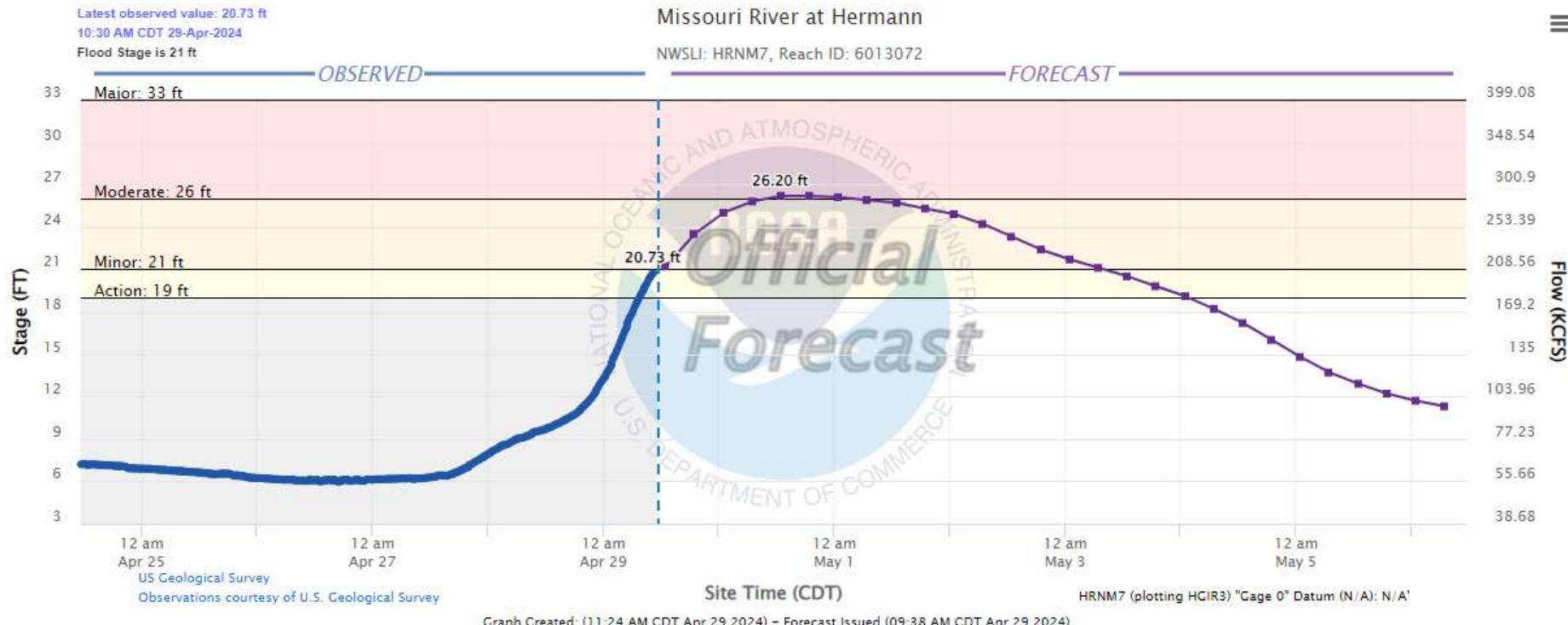


MISSOURI DEPARTMENT OF NATURAL RESOURCES

Latest observed value: 20.73 ft
10:30 AM CDT 29-Apr-2024
Flood Stage is 21 ft

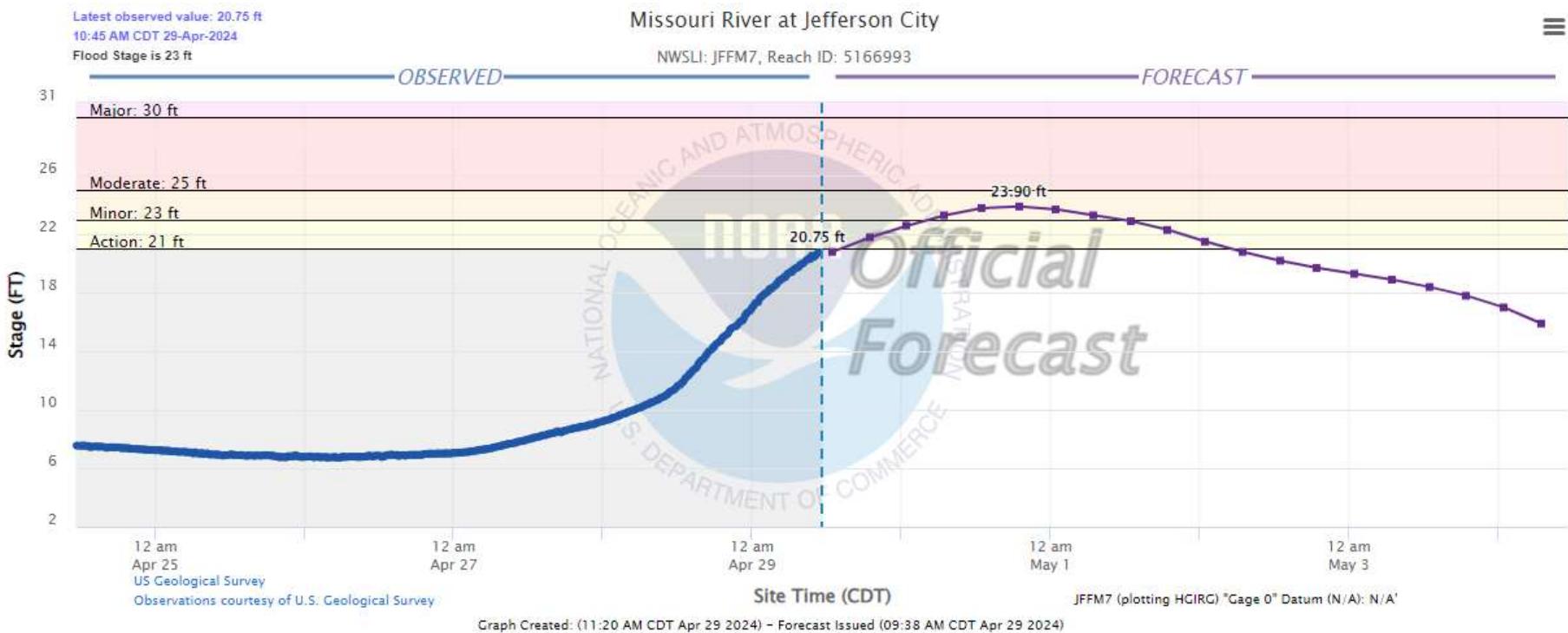
Missouri River at Hermann

NWSLI: HRNM7, Reach ID: 6013072



- Missouri River at Hermann is at 20.73 feet. The river is forecast to crest at 26.20 feet in Moderate Flood Stage midday Wednesday, May 1st.
- Moderate Flood Stage occurs at 26 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/HRNM7>



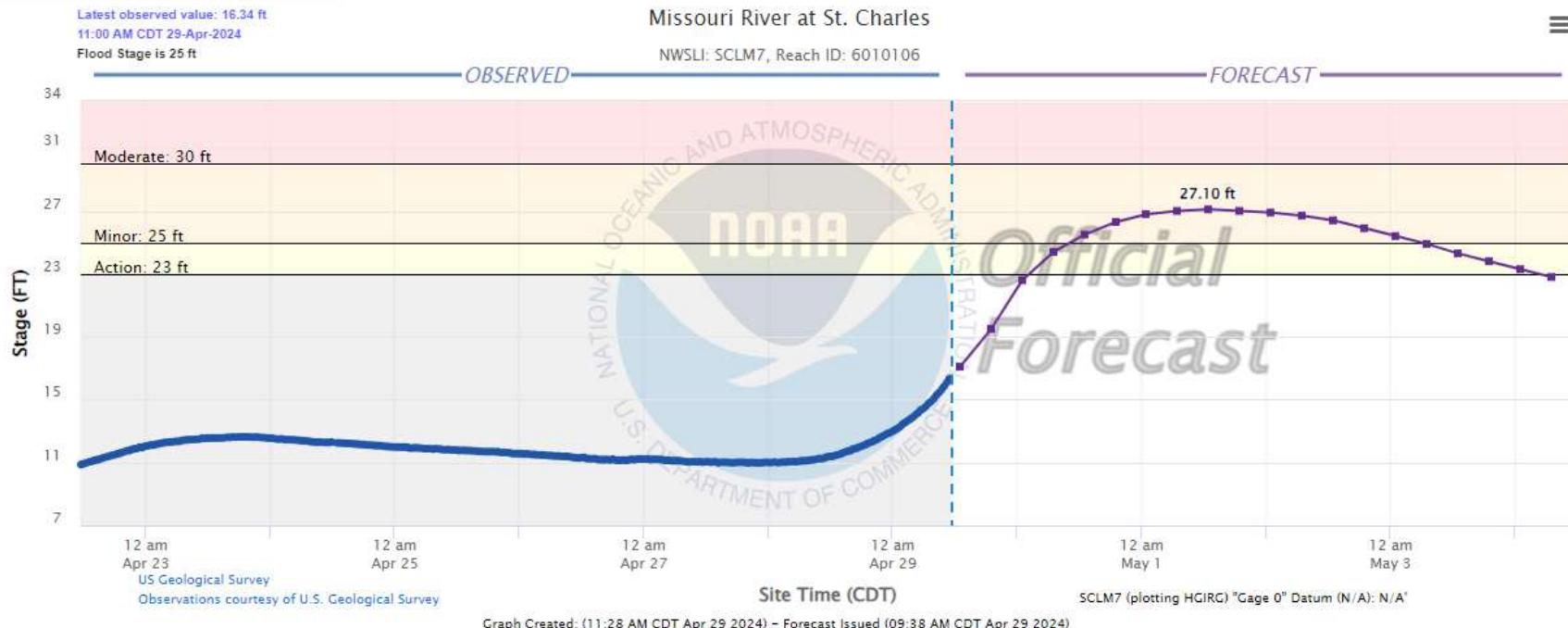


- Missouri River at Jefferson City is at 20.75 feet. The river is forecast to crest at 23.90 feet in Minor Flood Stage late Tuesday, April 30th.
- Minor Flood Stage occurs at 23 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/JFFM7>





MISSOURI DEPARTMENT OF NATURAL RESOURCES



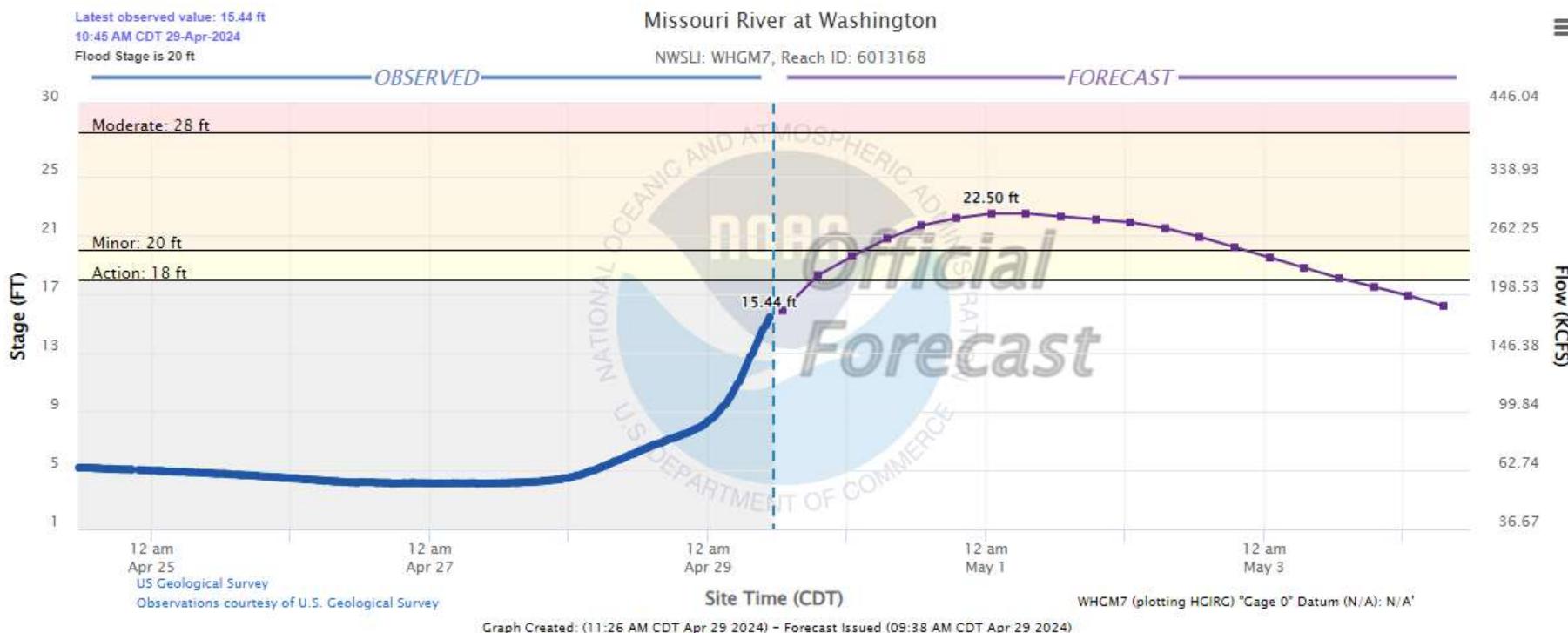
- Missouri River at St. Charles is at 16.34 feet. The river is forecast to crest at 27.10 feet in Minor Flood Stage late Wednesday, May 1st.
- Minor Flood Stage occurs at 25 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/SCLM7>





MISSOURI

DEPARTMENT OF NATURAL RESOURCES



- Missouri River at Washington is at 15.44 feet. The river is forecast to crest at 22.50 feet in Minor Flood Stage early Wednesday, May 1st.
- Minor Flood Stage occurs at 20 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/WHGM7>





MISSOURI DEPARTMENT OF NATURAL RESOURCES



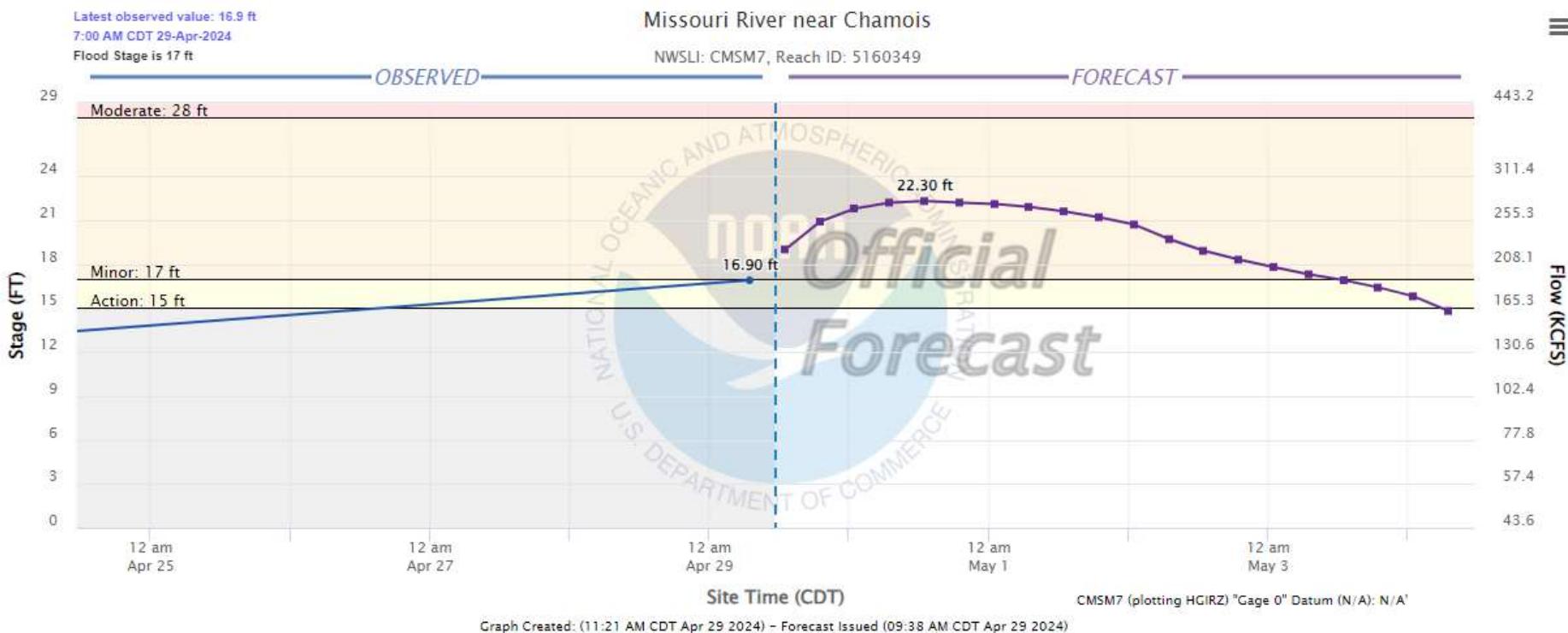
- Missouri River at Boonville is at 22.14 feet. The river is forecast to crest at 25.80 feet in Minor Flood Stage midday Tuesday, April 30th.
- Minor Flood Stage occurs at 21 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/BOZM7>





MISSOURI

DEPARTMENT OF NATURAL RESOURCES

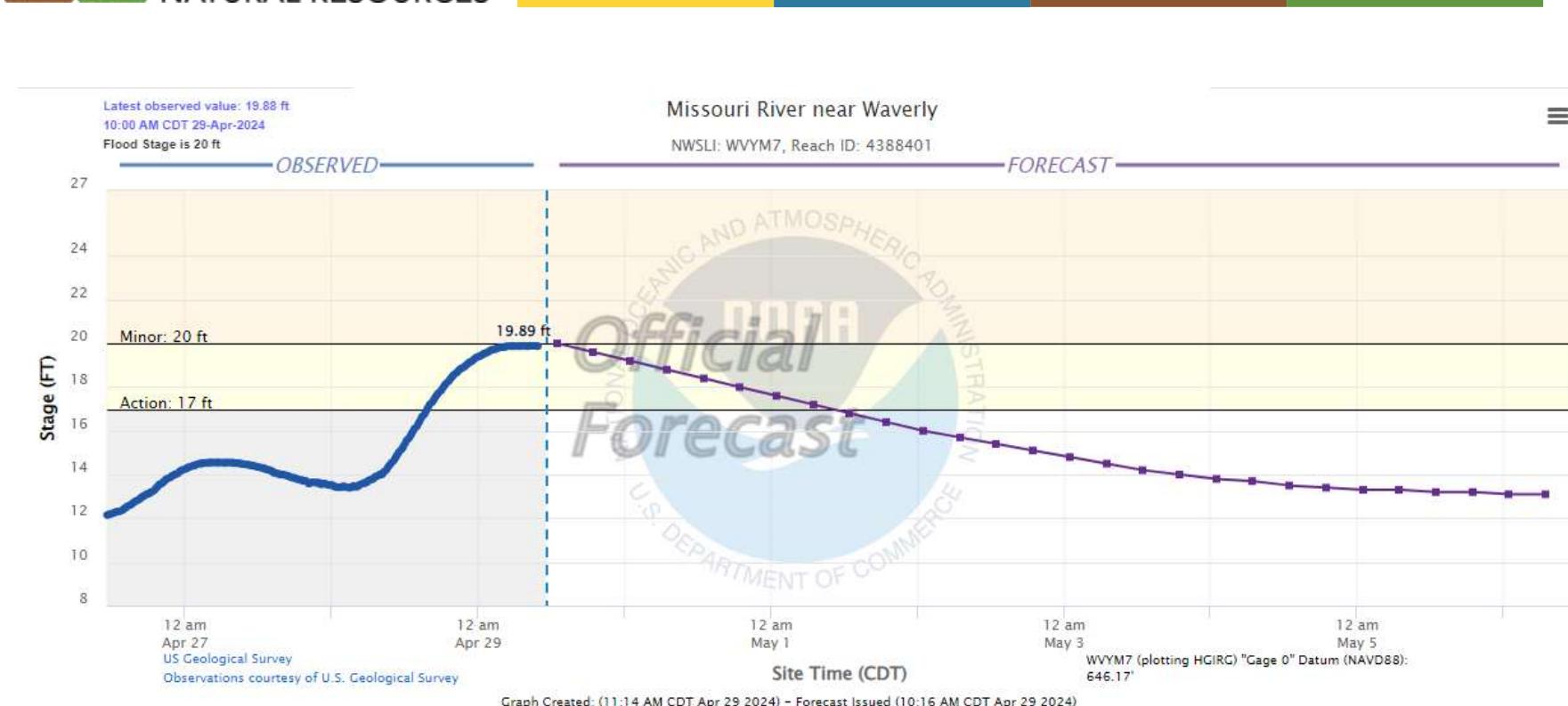


- Missouri River near Chamois is at 16.90 feet. The river is forecast to crest at 22.30 feet in Minor Flood Stage late Tuesday, April 30th.
- Minor Flood Stage occurs at 17 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/CMSM7>





MISSOURI DEPARTMENT OF NATURAL RESOURCES



- Missouri River near Waverly is at 19.89 feet.
- Minor Flood Stage occurs at 20 feet
- For stage-related impacts and other site specific details go to:
<https://water.noaa.gov/gauges/WVYM7>



Resources for Further Information

- Department of Natural Resources Flood Page:
<https://dnr.mo.gov/water/hows-water/state-water/flooding>
- Missouri Water Resources Center – Missouri River Informational Page: <https://dnr.mo.gov/water/hows-water/state-water/surface-water/interstate-waters>
- Missouri River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](https://www.weather.gov/nash/ahps)
- Mississippi River-At-A-Glance: [Advanced Hydrologic Prediction Service | National Weather Service](https://www.weather.gov/nash/ahps)

